

U937 mRNA Levels

Figure 1





U937 control PDE5

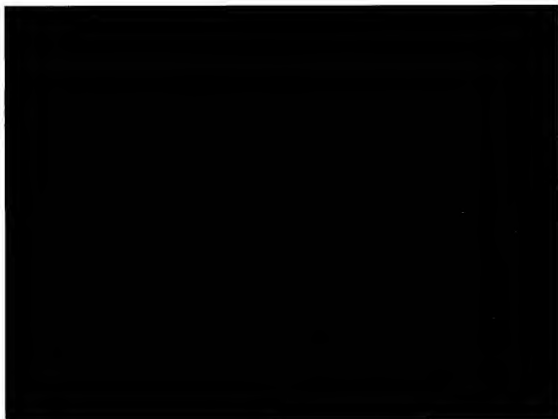
Figure 2



U937 5nm TPA 24hrs PDE5

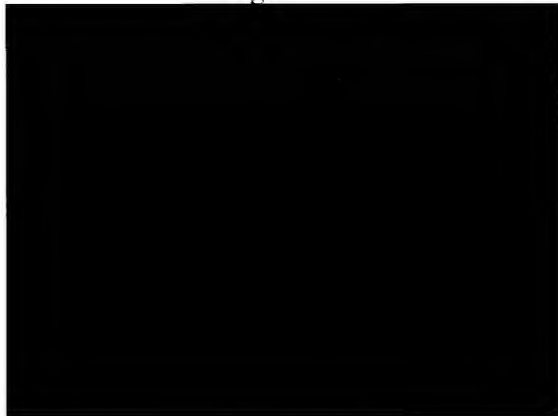
Figure 3





U937 Control PDE2

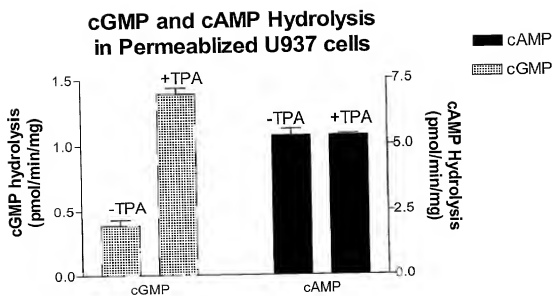
Figure 4



U937 TPA 5nM 24hrs PDE2

Figure 5

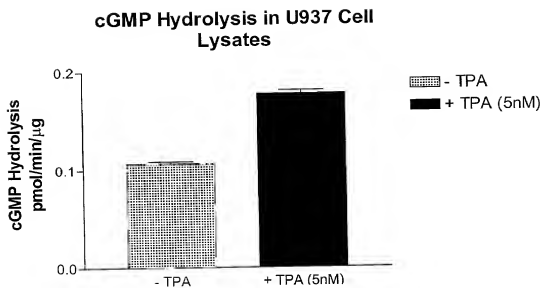




cGMP and cAMP Hydrolysis in Permeabilized U937 Cells

Figure 6

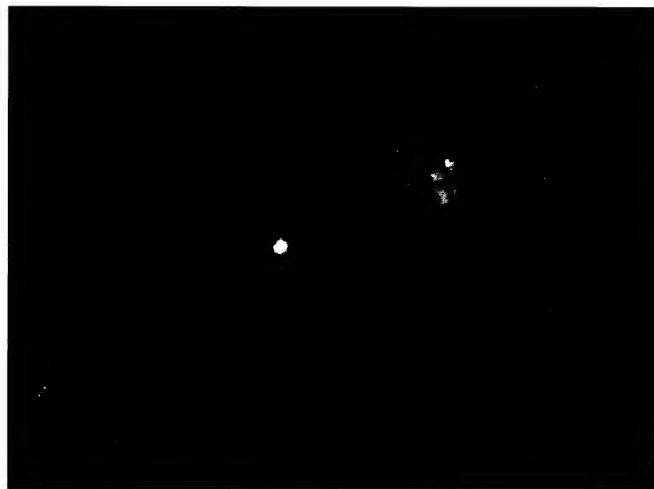




### cGMP Hydrolysis in U937 Cell Lysates

Figure 7

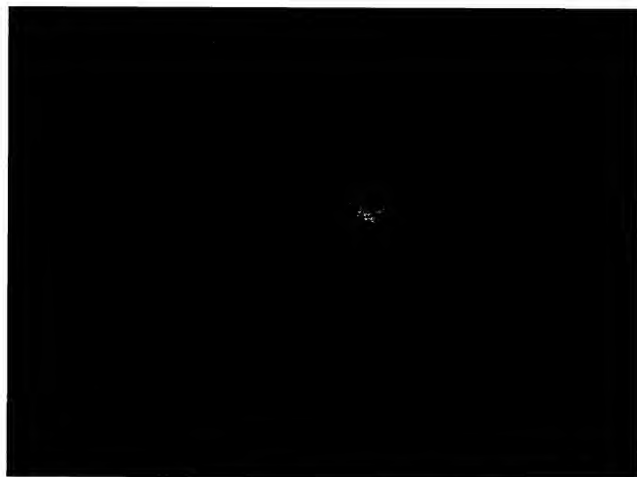




U937 cells treated with 1  $\mu$ M compound 38. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI.

Figure 8



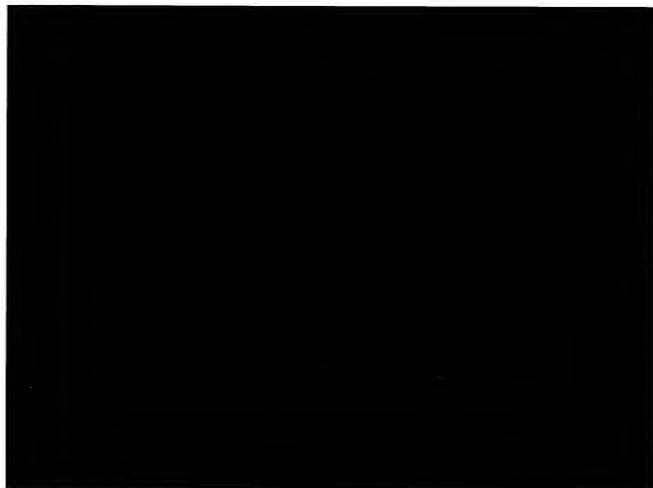


Untreated U937 control cells. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI

Figure 9



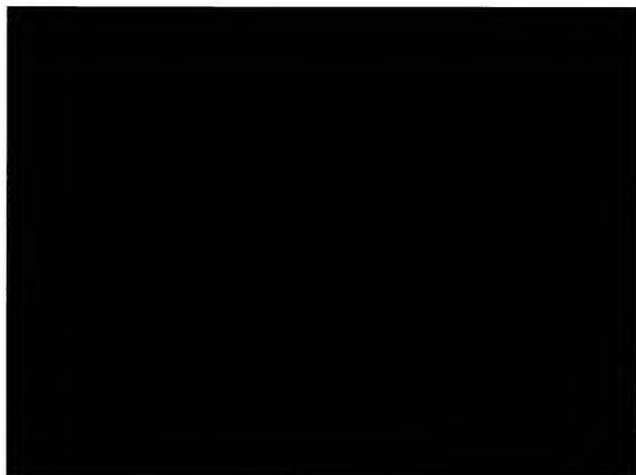
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U937 cells treated with 0.5  $\mu$ M Rolipram. Apoptotic cells with active caspase 3 label red  
Nuclear DNA label blue with DAPI

Figure 10

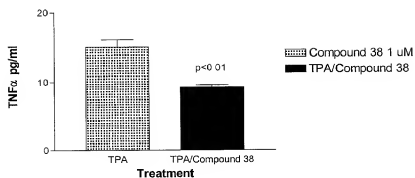




U937 cells treated with 0.3nM Sildenafil. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI.

Figure 11





TNFα media levels from U937 cells with or without compound 38 treatment.

Figure 12